

**SYSTEM FOR RATE CONTROL OF MULTICAST DATA DELIVERY
IN A WIRELESS NETWORK****ABSTRACT**

The present invention provides methods and apparatus for transmitting multicast data over a wireless channel. At least one wireless terminal requests a multicast service corresponding to at least one requested layer. A wireless infrastructure comprising a base station and a node determines a data rate that the at least one wireless terminal can receive reliably and correspondingly configures a multicast session for at least one layer. The node utilizes measurements provided by the wireless terminal. The node through the base station signals the wireless terminal about a link-level multicast address corresponding to a time slot for which the wireless terminal shall process packets. An associated point of attachment with a core data network controls a data flow from a multicast content source through the core data network in order to match the data rate over the wireless channel.

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